

INTERNATIONAL SEARCH REPORT

International Application No

PCT/IB2004/051031

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H01H13/70 G01L1/22 H01B5/16

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H10H G01L H01B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DE 198 36 805 A (DAUM GMBH) 17 February 2000 (2000-02-17) the whole document	1,2,4,5, 7-9
X	US 6 360 615 B1 (SMELA ELISABETH) 26 March 2002 (2002-03-26) cited in the application figure 11b; example 15 column 3, line 57	1-9
X,P	LU 90 871 A (IEE INTERNAT ELECTRONICS & ENG) 30 June 2003 (2003-06-30) the whole document	1,2,7-9

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier document but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"&" document member of the same patent family

Date of the actual completion of the international search

14 September 2004

Date of mailing of the international search report

10/12/2004

Name and mailing address of the ISA

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Authorized officer

Socher, G

INTERNATIONAL SEARCH REPORT

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PCT/IB2004/051031

Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:
2. ☐ Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this International application, as follows:

see additional sheet

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☒ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

1-9

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-9

A textile construction comprising a conductive elastomeric material and an intuitive user interface with an actuator cooperative with said conductive elastomeric material and the characteristics of said conductive elastomeric material are changing in response to an interaction.

2. claims: 10-20

A multi-direction proportional input device comprising a conductive elastomeric textile construction having an intuitive user interface that has an actuator cooperative with several conductive areas and the characteristics of said conductive areas are changing in response to an interaction.

INTERNATIONAL SEARCH REPORT

International Application No

PCT/IB2004/051031

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
DE 19836805	A	17-02-2000	DE 19836805 A1	17-02-2000
US 6360615	B1	26-03-2002	NONE	
LU 90871	A	30-06-2003	LU 90871 A1	30-06-2003
			WO 03056416 A1	10-07-2003
			EP 1474737 A1	10-11-2004

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VIII-3-1	Declaration: Entitlement to claim priority Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application specified below, where the applicant is not the applicant who filed the earlier application or where the applicant's name has changed since the filing of the earlier application (Rules 4.17(iii) and 51bis.1(a)(iii)) Name	in relation to this international application KONINKLIJKE PHILIPS ELECTRONICS, N.V. is entitled to claim priority of earlier application No. 60/483,771 by virtue of the following:
VIII-3-1(i)		KONINKLIJKE PHILIPS ELECTRONICS, N.V. is entitled as employer of the inventor, MARMAROPOULOS, George
VIII-3-1(i)		KONINKLIJKE PHILIPS ELECTRONICS, N.V. is entitled as employer of the inventor, MAMA, Jack Kyriakos
VIII-3-1(i)		KONINKLIJKE PHILIPS ELECTRONICS, N.V. is entitled as employer of the inventor, VU, Giang T.
VIII-3-1(i)x)	This declaration is made for the purposes of:	all designations